

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> MEMORY HOT PLUG/REMOVE.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
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Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
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Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
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Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
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Orcentors, Robert A.	106. 110. 44,133	i oucoun, Groß it.			•

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1:

Lily Pao Looi

Citizenship:

United States of America

Residence: Portland, OR

Post Office Address:

15134 NW Mitchell Street Portland, OR 97229

~.

Lily Pao Looi

Date: 5/3/0 4

Full Name of joint inventor r Citizenship: Post Office Address:	number 2: Stanley Steven Kulick United States of America 20385 NW Quail Hollow Drive Portland, OR 97229	Residence: Portland, OR	
Signature:	anley Steven Kulick	Date:	
Si	anley Steven Kulick		
Full Name of joint inventor r	number 3 : Dean A Mulla	·	
Citizenship: Post Office Address:	United States of America 18690 Westview Drive Saratoga, CA 95070	Residence: Saratoga, CA	
Signature:	ean A Mulla	Date:	
D	ean A Mulla		
			
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Post Office Address:	5637 Ora Street San Jose, CA 95129	Residence. San Juse, CA	
Signature:		Date:	
A	shish Gupta		
			<u></u>
Full Name of joint inventor r Citizenship: Post Office Address:	Number 5: Keith R. Pflederer United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	
Signature:		Date:	
K	eith R. Pflederer		
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Signature:		Date:	
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Full Name of joint inventor numb Citizenship: Post Office Address:	oer 7: Mohan J. Kumar India 18680 SW Marko Lane Aloha, OR 97007	Residence: Aloha, OR	
Signature:Moha	n J. Kumar	Date:	
Full Name of joint inventor numb Citizenship: Post Office Address:	per 8: <u>James B. Crossland</u> United States of America 16744 NW Davidson Rd. Banks, OR 97106	Residence: Banks, OR	•
Signature:		Date:	
	B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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Attorney Docket No.884.A82US1

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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Page 2 of S

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Telephone No. (612)373-6900

Full Name of joint inventor	number 1: <u>Lily Pao Looi</u>		
Citizenship:	United States of America	Residence: Portland, OR	
Post Office Address:	15134 NW Mitchell Street Portland, OR 97229		
Signature:		Date:	
	Lily Pao Looi		

Attorney Docket No.: 884.A82US1 Serial No. 10/749929

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Page 3 of 5

Filing Date: December 29, 2003 Full Name of joint inventor number 2: Stanley Steven Kulick Residence: Portland, OR United States of America Citizenship: 20385 NW Quail Hollow Drive Post Office Address: Portland, OR 97229 Date: 6/1/2004 Kulick Stanley Steven Kulick Full Name of joint inventor number 3: Dean A Mulla Residence: Saratoga, CA United States of America Citizenship: 18690 Westview Drive Post Office Address: Saratoga, CA 95070 Date: Signature: _ Dean A Mulla Ashish Gupta Full Name of joint inventor number 4: Residence: San Jose, CA Citizenship: 5637 Ora Street Post Office Address: San Jose, CA 95129 Date: Signature: ___ Ashish Gupta Full Name of joint inventor number 5: Keith R. Psiederer Residence: San Jose, CA Citizenship: United States of America Post Office Address: 676 Dorothy Avenue San Jose, CA 95125 Date: _ Signature: _ Keith R. Pflederer Full Name of joint inventor number 6: Shivnandan D. Kaushik Residence: Portland, OR Citizenship: India 14161 NW Harbor Lane Post Office Address: Portland, OR 97229 Signature: _ Shivnandan D. Kaushik

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Page 4 of 5

Attorney Docket No.: 884.A82US1 Serial No. 10/749929 Filing Date: December 29, 2003 Mohan J. Kumar Full Name of joint inventor number 7: Residence: Aloha, OR Citizenship: Post Office Address: 18680 SW Marko Lane Aloha, OR 97007 Date: Signature: Mohan J. Kumar James B. Crossland Full Name of joint inventor number 8: United States of America Residence: Banks, OR Citizenship: Post Office Address: 16744 NW Davidson Rd. Banks, OR 97106 Date: Signature: James B. Crossland

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Page 5 of 5

- § 1.56 Duty to disclose information material to patentability.
- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
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 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

				D 1 67 11	D . N- 30.000
Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
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Cool, Kenneth J.	Reg. No. 40,570	McCrackin, Ann M.	Reg. No. 42,858	Stutman-Horn, Joni D.	Reg. No. 42,173
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DeLizio, Andrew	Reg. No. 52,806	Morris, Nicole N.	Reg. No. 55,467	Tran, David	'Reg. No. 50,804
Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet'E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
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Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
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Greenberg, Robert A.	NCE. 140. 44,133	reaction, Gregg A.	1105. 110. 45,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor	number 1 : <u>Lily Pao Looi</u>		
Citizenship:	United States of America	Residence: Portland, OR	
Post Office Address:	15134 NW Mitchell Street		
,	Portland, OR 97229		
Signature:		Date:	
	Lily Pao Looi		

Full Name of Joint invent Citizenship: Post Office Address:	tor number 2: Stanley Steven Kulick United States of America 20385 NW Quail Hollow Drive Portland, OR 97229	Residence: Portland, OR	
Signature:	Stanley Steven Kulick	Date:	
			-
Full Name of joint invent Citizenship: Post Office Address:	Saratoga, CA 95070	Residence: Saratoga, CA	
Signature:	Dean A Mulla	Date:	
	Dean A Mulia		
Full Name of joint invent Citizenship: Post Office Address: Signature:	Ashish Gupta India 5637 Ora Street San Jose, CA 95129 Ashish Gupta	Residence: San Jose, CA Date: 5/27/2004	
	Asinsi Gupta		
Full Name of joint invent Citizenship: Post Office Address:	tor number 5: Keith R. Pflederer United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	•.
Signature:	Keith R. Pflederer	Date:	
			-
Full Name of joint invent Citizenship: Post Office Address:	tor number 6: Shivnandan D. Kaushik India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:	Shivnandan D. Kaushik	Date:	
	Shivnandan D. Kaushik		

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Citizenship:	India	Residence: Aloha, OR	
Post Office Address:	18680 SW Marko Lane		
	Aloha, OR 97007		
Signature:		Date:	
N	Mohan J. Kumar		
Full Name of joint inventor	number 8: James B. Crossland	1	
Citizenship:	United States of America	Residence: Banks, OR	
Post Office Address:	16744 NW Davidson Rd.		
	Banks, OR 97106		
Signature:		Date:	
	ames B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> <u>MEMORY HOT PLUG/REMOVE</u>.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Filing Date: December 29, 2003

Signature: _

Lily Pao Looi

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

	D N 31 005	C	D No 24 241	Dadaman Gilas Alan	Reg. No. 39,996
Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan Perdok Shonka, Monique M.	Reg. No. 42,989
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	•	Reg. No. 41,246
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
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Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
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Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
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Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
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Forrest, Bradley, A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	", Reg. No. 41,382
Gorrie, Gregory J.	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
•	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001	rates, Steven D.	
Greenberg, Robert A.	keg. No. 44,133	reacock, Gregg A.	Neg. 140. 40,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

statements may jeopatdize	the validity of the application of any pate	in issued thereon.
Full Name of joint invento Citizenship:	or number 1 : <u>Lily Pao Looi</u> United States of America	Residence: Portland, OR
Post Office Address:	15134 NW Mitchell Street	Residence. I of thand, Oil
. 000 011100 11001000	Portland, OR 97229	

Date:

Full Name of joint inventor n Citizenship: Post Office Address:	umber 2: Stanley Steven Kulick United States of America 20385 NW Quail Hollow Drive Portland, OR 97229	Residence: Portland, OR	
Signature:St	anley Steven Kulick	Date:	
Citizenship:	umber 3 : <u>Dean A Mulla</u> United States of America	Residence: Saratoga, CA	
Post Office Address: Signature: De	18690 Westview Drive Saratoga, CA 95070 — Mulla ean A Mulla	Date: <u>5/27/04</u>	
Full Name of joint inventor n Citizenship: Post Office Address:	umber 4 : <u>Ashish Gupta</u> India 5637 Ora Street San Jose, CA 95129	Residence: San Jose, CA	
Signature:	shish Gupta	Date:	-
Full Name of joint inventor n Citizenship:	umber 5 : <u>Keith R. Pflederer</u> United States of America	Residence: San Jose, CA	
Post Office Address:	676 Dorothy Avenue San Jose, CA 95125		• .
Signature:K6	eith R. Pflederer	Date:	
Full Name of joint inventor n Citizenship: Post Office Address:	umber 6: Shivnandan D. Kaushik India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:		Date:	
Ch	ivnandan D. Kaushik		

Full Name of joint inventor Citizenship:	number 7: Mohan J. Kumar India	Residence: Aloha, OR	
Post Office Address:	18680 SW Marko Lane	,	
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Signature:		Date:	
	Mohan J. Kumar		
Eull Name of inint inventor	number 9. James B. Cressland		
Full Name of joint inventor Citizenship:	number 8: <u>James B. Crossland</u> United States of America	Residence: Banks, OR	
Post Office Address:	16744 NW Davidson Rd.	Residence. Dames, Ox	
Tost Office Hadress.	Banks, OR 97106		
Signature:		Date:	
	ames B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (i) Opposing an argument of unpatentability relied on by the Office, or
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u>
MEMORY HOT PLUG/REMOVE.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

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I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Aldous, Alan Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	_
*	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Anglin, J. Michael Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
•	•	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Bacon, Shireen	Reg. No. 40,494		Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,676 Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.		Prout, William F.	Reg. No. 33,995
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	•	Reg. No. 36,381
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 44,318
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
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Drake, Eduardo Es	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
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Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint invento Citizenship:	Residence: Portland, OR	
4	United States of America	Residence: I of thand, OR
Post Office Address:	15134 NW Mitchell Street	
	Portland, OR 97229	

Lily Pao Looi

Citizenship: Post Office Address:	umber 2: <u>Stanley Steven Kulick</u> United States of America 20385 NW Quail Hollow Drive Portland, OR 97229	Residence: Portland, OR	
Signature:Sta	anley Steven Kulick	Date:	
Full Name of joint inventor mo Citizenship: Post Office Address:	umber 3: <u>Dean A Mulla</u> United States of America 18690 Westview Drive Saratoga, CA 95070	Residence: Saratoga, CA	
Signature:	ean A Mulla	Date:	
De	ean A Mulla		
Full Name of joint inventor m Citizenship: Post Office Address:	umber 4: Ashish Gupta India 5637 Ora Street San Jose, CA 95129	Residence: San Jose, CA	
Signature:	shish Gupta	Date:	
As	shish Gupta		_
Full Name of joint inventor no Citizenship: Post Office Address:	United States of America 676 Dorothy Avenue	Residence: San Jose, CA	
Signature: Ke	eith R. Pflederer	Date: 5/27/2004	,
Full Name of joint inventor n		Decidence Portland OD	_
Citizenship: Post Office Address:	India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:	ivnandan D. Kaushik	Date:	
Sh	ivnandan D. Kaushik		

Full Name of joint inventor	number 7: Mohan J. Kumar		
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Post Office Address:	18680 SW Marko Lane		
	Aloha, OR 97007		
Signature:		Date:	
N	Iohan J. Kumar		
			
Full Name of joint inventor : Citizenship:	number 8: <u>James B. Crossland</u> United States of America	Residence: Banks, OR	
Post Office Address:	16744 NW Davidson Rd. Banks, OR 97106	,	
Signature:		Date:	
J:	ames B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> <u>MEMORY HOT PLUG/REMOVE</u>.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Signature:

Lily Pao Looi

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

	D N - 21 005	Consumald Dandley A	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A. Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anderson, Robert D.	Reg. No. 33,826	· · · · · · · · · · · · · · · · · · ·	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	•	Peterson, David C.	Reg. No. 47,857
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Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
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Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
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Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
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Greenberg, Robert A.	10g. 110. 44,133	i caccon, Große A.	1106. 110. 10,001		. *

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statements may jeeparenee	the values, or the approximent or any pass	
Full Name of joint inventor	number 1: Lily Pao Looi	
Citizenship:	United States of America	Residence: Portland, OR
Post Office Address:	15134 NW Mitchell Street	
	Portland, OR 97229	

Date:

Full Name of joint inventor number 2: Stanley Steven Kulick Citizenship: United States of America Post Office Address: 20385 NW Quail Hollow Drive Portland, OR 97229		Residence: Portland, OR	
Signature:Sta	anley Steven Kulick	Date:	·
Full Name of joint inventor n Citizenship: Post Office Address:	umber 3: <u>Dean A Mulla</u> United States of America 18690 Westview Drive	Residence: Saratoga, CA	- .
Signature:De	Saratoga, CA 95070 can A Mulla	Date:	,
Full Name of joint inventor n Citizenship: Post Office Address:	umber 4: <u>Ashish Gupta</u> India 5637 Ora Street San Jose, CA 95129	Residence: San Jose, CA	
Signature:As	hish Gupta	Date:	
Full Name of joint inventor n Citizenship: Post Office Address:	umber 5: Keith R. Pflederer United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	
Signature:Ke	eith R. Pflederer	Date:	
Full Name of joint inventor n Citizenship: Post Office Address:	umber 6: Shivnandan D. Kaushik India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	_
Signature:	ivnandan D. Kaushik	Date: 5/3/2009	

Attorney Docket No.: 884.A82US1 Serial No. 10/749929 Filing Date: December 29, 2003 Full Name of joint inventor r

Full Name of joint inventor no Citizenship: Post Office Address:	umber 7: Mohan J. Kumar India 18680 SW Marko Lane Aloha, OR 97007	Residence: Aloha, OR	
Signature:		Date:	
Me	ohan J. Kumar		
Full Name of joint inventor no Citizenship: Post Office Address:	umber 8: James B. Crossland United States of America 16744 NW Davidson Rd. Banks, OR 97106	Residence: Banks, OR	
Signature:		Date:	
Jan	nes B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE**.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

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I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Billion, Richard E. Reg. No. 32,836 Kalson, Seth Reg. No. 40,670 Sayles, Crystal D. Reg. No. 44.	,318
Black, David W. Reg. No. 42,331 Klima-Silberg, Catherine I. Reg. No. 40,052 Schumm, Sherry W. Reg. No. 39.	,422
Bohanek, Robert Reg. No. 52,627 Kluth, Daniel J. Reg. No. 32,146 Schwegman, Micheal L. Reg. No. 25,	,816
Brake, Edward Reg. No. 37,784 Lacy, Rodney L. Reg. No. 41,136 Scott, Russell Reg. No. 43,	,103
Brennan, Thomas F. Reg. No. 35,075 Lam, Peter Reg. No. 44,855 Seddon, Ken Reg. No. 43,	,105
Burge, Ben Reg. No. 42,372 Lin, Issac Reg. No. 50,672 Seeley, Mark Reg. No. 32.	,299
Chadwick, Robin A. Reg. No. 36,477 Lundberg, Steven W. Reg. No. 30,568 Shah, Ami P. Reg. No. 42.	,143
Chen, George Reg. No. 50,807 Maki, Peter C. Reg. No. 42,832 Simon, David Reg. No. 32.	,756
Choi, Glen Reg. No. 43,546 Malen, Peter L. Reg. No. 44,894 Skabrat, Steve Reg. No. 36.	,279
Clark, Barbara J. Reg. No. 38,107 Martinez, Anthony Reg. No. 44,223 Speier, Gary J. Reg. No. 45.	,458
Clise, Timothy B. Reg. No. 40,957 Mates, Robert E. Reg. No. 35,271 Steffey, Charles E. Reg. No. 25.	,179
Cochran, David R. Reg. No. 46,632 McCall, Molly Reg. No. 46,126 Steiner, Paul E. Reg. No. 41	,326
Cool, Kenneth J. Reg. No. 40,570 McCrackin, Ann M. Reg. No. 42,858 Stutman-Horn, Joni D. Reg. No. 42	,173
Crawford, Ted A. Reg. No. 50,610 Mehrle, Joseph P. Reg. No. 45,535 Tang, Zhengnian Reg. No. 55.	,666
Dahl, John M. Reg. No. 44,639 Mennemeier, Larry Reg. No. 51,003 Tong, Viet V. Reg. No. 45.	,416
DeLizio, Andrew Reg. No. 52,806 Morris, Nicole N. Reg. No. 55,467 Tran, David Reg. No. 50	,804
Diehl, Robert Reg. No. 40,992 Muller, Mark V. Reg. No. 37,509 Travis, John F. Reg. No. 43.	,203
Draeger, Jeffrey S. Reg. No. 41,000 Nagy, Paul Reg. No. 37,896 Tweet, Kerry D. Reg. No. 45	,959
Drake, Eduardo E. Reg. No. 40,594 Nelson, A. James Reg. No. 28,650 Wawrzyn, Robert Reg. No. 54	,654
Embretson, Janet E. Reg. No. 39,665 Nesheiwat, Michael J. Reg. No. 47,819 Wells, Calvin Reg. No. 43	
Faatz, Cindy Reg. No. 39,973 Newtson, Ruth H. Reg. No. 26,657 Whittington, Stuart Reg. No. 45	,215
Forrest, Bradley A. Reg. No. 30,837 Nicholls, Dennis A. Reg. No. 42,036 Willardson, Michael Reg. No. 50	
Gagne, Christopher Reg. No. 36,142 Nielsen, Walter W. Reg. No. 25,539 Winkle, Robert G. Reg. No. 37	,474
Garrett, John R. Reg. No. 27,888 Obermark, Thomas C. Reg. No. 55,506 Wisor, Rita Reg. No. 41	,382
Gorrie, Gregory J. Reg. No. 36,530 Padys, Danny J. Reg. No. 35,635 Woessner, Warren D. Reg. No. 30	,440
Greaves, John N. Reg. No. 40,362 Parker, Lanny Reg. No. 44,281 Wong, Sharon Reg. No. 37	,760
Green, Sharmini N. Reg. No. 41,410 Parker, J. K. Reg. No. 33,024 Yates, Steven D. Reg. No. 42	,242
Greenberg, Robert A. Reg. No. 44,133 Peacock, Gregg A. Reg. No. 45,001	

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	• • • • • • • • • • • • • • • • • • • •	
Full Name of joint inventor	number 1: Lily Pao Looi	
Citizenship:	United States of America	Residence: Portland, OR
Post Office Address:	15134 NW Mitchell Street	
	Portland, OR 97229	

Signature:		Date:	
	Lily Pao Looi		

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I	Dean A Mulla		
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Signature:	Ashish Gupta	Date:	
A	Ashish Gupta		
Full Name of joint inventor Citizenship: Post Office Address:	number 5: Keith R. Pflederer United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	#
Signature:		Date:	
F	Keith R. Pflederer		
Full Name of joint inventor Citizenship: Post Office Address:	number 6: Shivnandan D. Kaushik India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:		Date:	
	Shivnandan D. Kaushik		

Filing Date: December 29, 2003 Full Name of joint inventor number 7: Mohan J. Kumar Residence: Aloha, OR Citizenship: India Post Office Address: 18680 SW Marko Lane Aloha, QR 97907 Signature: Full Name of joint inventor number 8: James B. Crossland Citizenship: **United States of America** Residence: Banks, OR Post Office Address: 16744 NW Davidson Rd. Banks, OR 97106 Signature:

Attorney Docket No.: 884.A82US1

James B. Crossland

Serial No. 10/749929

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> MEMORY HOT PLUG/REMOVE.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Signature:

Lily Pao Looi

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
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Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
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Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Cochran, David R.	Reg. No. 46,632	McCall, Molly	Reg. No. 46,126	Steiner, Paul E.	Reg. No. 41,326
Cool, Kenneth J.	Reg. No. 40,570	McCrackin, Ann M.	Reg. No. 42,858	Stutman-Horn, Joni D.	Reg. No. 42,173
Crawford, Ted A.	Reg. No. 50,610	Mehrle, Joseph P.	Reg. No. 45,535	Tang, Zhengnian	Reg. No. 55,666
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DeLizio, Andrew	Reg. No. 52,806	Morris, Nicole N.	Reg. No. 55,467	Tran, David	Reg. No. 50,804
Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
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Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
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Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001	-,	
C					

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

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Post Office Address;	16744 NW Davidson Rd.	,
Signature: Male	Banks, OR 97106 ames B. Crossland	Date: 21/2 5, 2004
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§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
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